

## REMARKS/ARGUMENTS

Claims 1-19 are pending in the application; reexamination and reconsideration are hereby requested.

1. Claims 1-6, 10-12, and 16-17 were rejected as unpatentable over Padi in view of Winker. The Examiner cited Padi sense coil 260 in FIG.5 and Winker rf source in FIGS.1-2 for a driving signal.

Applicant replies that Padi sense coil 260 is part of oscillator 281 (see col.11, ln.4-10), such as part of the tuned circuit of a Colpitts or Hartley oscillator, and thus applying a drive signal to sense coil 260 is not feasible. Further, Winker FIG.1 has both arm 17 (attached to the capacitive bridge) and sense coil 28 mounted roughly like sense coil 260 of Padi, so there is no suggestion in Winker to drive sense coil 260 of Padi instead of its use as a tuned circuit for oscillator 281. Consequently, the claims are patentable over the references.

Respectfully submitted,

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